**Geometry Assessment #2: The Geometry of Lines – Preparation Checklist**

Date of assessment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Can you:**

\_\_\_\_ calculate the distance between two points on the coordinate plane?

\_\_\_\_ explain in your own words and with a picture why we use

(rise)2 + (run)2 = (distance)2 to calculate distance?

\_\_\_\_ apply your knowledge of distance to solve problems? (such as the city problem

you had in your HW)

\_\_\_\_ calculate the midpoint of a line segment?

\_\_\_\_ explain in your own words and with a picture how we actually calculate midpoint,

using (a) the median and (b) add xs/2, add ys/2?

\_\_\_\_ go backwards and figure out an endpoint if you know the midpoint?

\_\_\_\_ apply your knowledge of midpoint to solve problems? (such as the city problem

you had in your HW)

\_\_\_\_ determine whether two lines are parallel, perpendicular, or neither parallel nor

perpendicular? *\* \* THROWBACK! ! !*

\_\_\_\_ calculate the slope of a line…

\_\_\_\_ when given two points?

\_\_\_\_ when given the graph of the line? *\* \* THROWBACK! ! !*

**To prepare, I:**

\_\_\_\_ went through the checklist above to see what I know well and what I need more

support with

\_\_\_\_ got extra help from Rodriguez

\_\_\_\_ collected and reviewed all necessary handouts/notes:

\_\_\_\_ “Distance and Midpoint I”

\_\_\_\_ “Distance and Midpoint II”

\_\_\_\_ “Parallel and Perpendicular Lines I”

\_\_\_\_ any textbook exercises from pages 56 and 57

\_\_\_\_ re-did all old exercises from old HW assignments / analyzed my mistakes

\_\_\_\_ prepared at least 10 minutes every night before the assessment

\_\_\_\_ studied with someone else in class

\_\_\_\_ asked Rodriguez for more practice exercises

\_\_\_\_ made a list of questions that I still have about the material and then got answers to

them